

**PATENT APPLICATION**

Sheet 1 of 6

|   |   |                        |                         |
|---|---|------------------------|-------------------------|
| <b>FORM PTO-1449</b><br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br><b>200309745-1</b>           | <b>APPLICATION NO.</b> | <b>CONFIRMATION NO.</b> |
|   | <b>APPLICANT</b><br><b>Winth r p D. Child rs et al.</b> |                        |                         |
|   | <b>FILING DATE</b><br><b>Feb. 11, 2004</b>              | <b>GROUP</b>           |                         |
|   |   |                        |                         |

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | PUBLICATION DATE | NAME           | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|------------------|----|-----------------|------------------|----------------|---|
| /KM/             | 1A | 4,542,650       | 09/24/1985       | Renken et al.  |   |
|                  | 1B | 4,776,214       | 10/11/1988       | Moran et al.   |   |
|                  | 1C | 4,853,717       | 08/01/1989       | Harmon et al.  |   |
|                  | 1D | 4,967,208       | 10/30/1990       | Childers       |   |
|                  | 1E | 4,969,357       | 11/13/1990       | Mickler        |   |
|                  | 1F | 5,035,138       | 07/30/1991       | Abdel-Rahman   |   |
|                  | 1G | 5,103,244       | 04/07/1992       | Gast et al.    |   |
|                  | 1H | 5,108,193       | 04/28/1992       | Furubayashi    |   |
|                  | 1I | 5,115,250       | 05/19/1992       | Harmon et al.  |   |
|                  | 1J | 5,209,111       | 05/11/1993       | Agarwal et al. |   |
| /KM/             | 1K | 5,237,866       | 08/24/1993       | Nijdam         |   |

**FOREIGN PATENT DOCUMENTS**

|               | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|---------------|-----------------|------------------|-------------------------------|--|-------------------------------|
| <del>1L</del> |                 |                  |                               |  |                               |
| <del>1M</del> |                 |                  |                               |  |                               |
| <del>1N</del> |                 |                  |                               |  |                               |
| <del>1O</del> |                 |                  |                               |  |                               |
| <del>1P</del> |                 |                  |                               |  |                               |

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

|               |  |
|---------------|--|
| <del>1Q</del> |  |
| <del>1R</del> |  |
| <del>1S</del> |  |

EXAMINER

/Kristen Matter/

DATE CONSIDERED

06/11/2007

**PATENT APPLICATION**

Sheet 2 of 6

|   |   |                        |                         |
|---|---|------------------------|-------------------------|
| <b>FORM PTO-1449</b><br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br><b>200309745-1</b> | <b>APPLICATION NO.</b> | <b>CONFIRMATION NO.</b> |
| <b>APPLICANT</b><br><b>Winthrp D. Childers et al.</b>   |   |                        |                         |
| <b>FILING DATE</b><br><b>F b. 11, 2004</b>  |   | <b>GROUP</b>           |                         |

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | PUBLICATION DATE | NAME               | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|------------------|----|-----------------|------------------|--------------------|---|
| /KM/             | 2A | 5,284,133       | 02/08/1994       | Burns et al.       |   |
|                  | 2B | 5,331,953       | 07/26/1994       | Andersson et al.   |   |
|                  | 2C | 5,363,842       | 11/15/1994       | Mishelevich et al. |   |
|                  | 2D | 5,372,040       | 12/13/1994       | Hecht et al.       |   |
|                  | 2E | 5,404,871       | 04/11/1995       | Goodman et al.     |   |
|                  | 2F | 5,415,029       | 05/16/1995       | Uchiyama et al.    |   |
|                  | 2G | 5,450,336       | 09/12/1995       | Rubsamen et al.    |   |
|                  | 2H | 5,469,750       | 11/28/1995       | Lloyd et al.       |   |
| ↓                | 2I | 5,500,660       | 03/19/1996       | Childers et al.    |   |
|                  | 2J | 5,511,415       | 04/30/1996       | Nair et al.        |   |
| /KM/             | 2K | 5,515,295       | 07/07/1996       | Wang               |   |

**FOREIGN PATENT DOCUMENTS**

|               | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|---------------|-----------------|------------------|-------------------------------|--|-------------------------------|
| <del>2L</del> |                 |                  |                               |  |                               |
| <del>2M</del> |                 |                  |                               |  |                               |
| <del>2N</del> |                 |                  |                               |  |                               |
| <del>2O</del> |                 |                  |                               |  |                               |
| <del>2P</del> |                 |                  |                               |  |                               |

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

|               |  |
|---------------|--|
| <del>2Q</del> |  |
| <del>2R</del> |  |
| <del>2S</del> |  |

EXAMINER  
/Kristen Matter/

DATE CONSIDERED  
06/11/2007

## PATENT APPLICATION

Sheet 3 of 6

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200309745-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Winthrop D. Childers et al.

FILING DATE

Feb. 11, 2004

GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | NAME               | Pages, Columns, Lines Where<br>Relevant Passages or Figures Appear |
|---------------------|----|--------------------|---------------------|--------------------|--|
| /KM/                | 3A | 5,524,084          | 06/04/1996          | Wang et al.        |  |
|                     | 3B | 5,563,638          | 10/08/1996          | Osborne            |  |
|                     | 3C | 5,608,647          | 03/04/1997          | Rubsamen et al.    |  |
|                     | 3D | 5,621,441          | 04/15/1997          | Waschhauser et al. |  |
|                     | 3E | 5,676,129          | 10/14/1997          | Rocci, Jr. et al.  |  |
|                     | 3F | 5,692,492          | 12/02/1997          | Bruna et al.       |  |
|                     | 3G | 5,721,257          | 02/24/1998          | Baker et al.       |  |
|                     | 3H | 5,724,957          | 03/10/1998          | Rubsamen et al.    |  |
|                     | 3I | 5,726,357          | 03/10/1998          | Manaka             |  |
|                     | 3J | 5,780,736          | 07/14/1998          | Russell            |  |
| /KM/                | 3K | 5,812,157          | 09/22/1998          | Nguyen et al.      |  |

## FOREIGN PATENT DOCUMENTS

|               | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | NAME OF PATENTEE<br>OR APPLICANT | Pages/Columns/Lines Where<br>Relevant Passages/Figures Appear | Check if<br>Translation<br>attached |
|---------------|--------------------|---------------------|----------------------------------|---|-------------------------------------|
| <del>3L</del> |                    |                     |                                  |   |                                     |
| <del>3M</del> |                    |                     |                                  |   |                                     |
| <del>3N</del> |                    |                     |                                  |   |                                     |
| <del>3O</del> |                    |                     |                                  |   |                                     |
| <del>3P</del> |                    |                     |                                  |   |                                     |

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

|               |  |  |
|---------------|--|--|
| <del>3Q</del> |  |  |
| <del>3R</del> |  |  |
| <del>3S</del> |  |  |

EXAMINER

/Kristen Matter/

DATE CONSIDERED

06/11/2007

**PATENT APPLICATION**

Sheet 4 of 6

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**200309745-1**

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

**Winthrop D. Childers et al.**

FILING DATE

**Feb. 11, 2004**

GROUP

**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | NAME              | Pages, Columns, Lines Where<br>Relevant Passages or Figures Appear |
|---------------------|----|--------------------|---------------------|-------------------|--|
| /KM/                | 4A | 5,869,758          | 02/09/1999          | Huiberts          |  |
|                     | 4B | 5,880,748          | 03/09/1999          | Childers et al.   |  |
|                     | 4C | 5,881,716          | 03/16/1999          | Wirsch et al.     |  |
|                     | 4D | 5,894,841          | 04/20/1999          | Voges             |  |
|                     | 4E | 5,925,021          | 07/20/1999          | Castellano et al. |  |
|                     | 4F | 5,929,333          | 07/27/1999          | Nair              |  |
|                     | 4G | 5,952,571          | 09/14/1999          | Arai et al.       |  |
|                     | 4H | 5,992,990          | 11/30/1999          | Childers et al.   |  |
|                     | 4I | 6,029,859          | 02/29/2000          | O'Connor          |  |
|                     | 4J | 6,131,566          | 10/17/2000          | Ashurst et al.    |  |
| /KM/                | 4K | 6,138,669          | 10/31/2000          | Rocci, Jr. et al. |  |

**FOREIGN PATENT DOCUMENTS**

|               | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | NAME OF PATENTEE<br>OR APPLICANT | Pages/Columns/Lines Where<br>Relevant Passages/Figures Appear | Check if<br>Translation<br>attached |
|---------------|--------------------|---------------------|----------------------------------|---|-------------------------------------|
| <del>4L</del> |                    |                     |                                  |   |                                     |
| <del>4M</del> |                    |                     |                                  |   |                                     |
| <del>4N</del> |                    |                     |                                  |   |                                     |
| <del>4O</del> |                    |                     |                                  |   |                                     |
| <del>4P</del> |                    |                     |                                  |   |                                     |

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)**

|               |  |
|---------------|--|
| <del>4Q</del> |  |
| <del>4R</del> |  |
| <del>4S</del> |  |

EXAMINER

/Kristen Matter/

DATE CONSIDERED

06/11/2007

**PATENT APPLICATION**

Sheet 5 of 6

|   |                             |                 |                  |
|---|-----------------------------|-----------------|------------------|
| <b>FORM PTO-1449</b><br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.            | APPLICATION NO. | CONFIRMATION NO. |
|   | 200309745-1                 |                 |                  |
|   | APPLICANT                   |                 |                  |
|   | Winthrop D. Childers et al. |                 |                  |
|   | FILING DATE                 | GROUP           |                  |
|   | F b. 11, 2004               |                 |                  |

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | PUBLICATION DATE | NAME                 | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|------------------|----|-----------------|------------------|----------------------|---|
| /KM/             | 5A | 6,162,443       | 12/19/2000       | Flament-Garcia et al |   |
|                  | 5B | 6,186,956       | 02/13/2001       | McNamee              |   |
|                  | 5C | 6,192,882       | 02/27/2001       | Gonda                |   |
|                  | 5D | 6,196,218       | 03/06/2001       | Voges                |   |
|                  | 5E | 6,220,243       | 04/24/2001       | Schaeffer et al.     |   |
|                  | 5F | 6,221,653       | 04/24/2001       | Caren et al.         |   |
|                  | 5G | 6,223,746       | 05/01/2001       | Jewett et al.        |   |
|                  | 5H | 6,224,897       | 05/01/2001       | Reitberg             |   |
|                  | 5I | 6,257,690       | 07/10/2001       | Holstun              |   |
|                  | 5J | 6,280,012       | 08/28/2001       | Schloeman et al.     |   |
| /KM/             | 5K | 6,325,475       | 12/04/2001       | Hayes et al.         |   |

**FOREIGN PATENT DOCUMENTS**

|               | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|---------------|-----------------|------------------|-------------------------------|--|-------------------------------|
| <del>5L</del> |                 |                  |                               |  |                               |
| <del>5M</del> |                 |                  |                               |  |                               |
| <del>5N</del> |                 |                  |                               |  |                               |
| <del>5O</del> |                 |                  |                               |  |                               |
| <del>5P</del> |                 |                  |                               |  |                               |

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

|               |  |
|---------------|--|
| <del>5Q</del> |  |
| <del>5R</del> |  |
| <del>5S</del> |  |

EXAMINER

/Kristen Matter/

DATE CONSIDERED

06/11/2007

**PATENT APPLICATION**

Sheet 6 of 6

|   |   |                        |                         |
|---|---|------------------------|-------------------------|
| <b>FORM PTO-1449</b><br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br><b>200309745-1</b> | <b>APPLICATION NO.</b> | <b>CONFIRMATION NO.</b> |
| <b>APPLICANT</b><br><b>Winthrop D. Child rs et al.</b>  |   |                        |                         |
| <b>FILING DATE</b><br><b>Feb. 11, 2004</b>  |   | <b>GROUP</b>           |                         |

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | PUBLICATION DATE | NAME                | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|------------------|----|-----------------|------------------|---------------------|---|
| /KM/             | 6A | 6,328,405       | 12/11/2001       | Weber et al.        |   |
|                  | 6B | 6,378,988       | 04/30/2002       | Taylor et al.       |   |
|                  | 6C | 6,390,453       | 05/21/2002       | Frederickson et al. |   |
|                  | 6D | 6,443,146       | 09/03/2002       | Voges               |   |
|                  | 6E | 6,480,537       | 10/08/2002       | Bryant et al.       |   |
|                  | 6F | 6,629,456       | 10/07/2003       | Kohno               |   |
|                  | 6G | 2002/0109744    | 08/15/2002       | Shindo              |   |
|                  | 6H | 2002/0185125    | 12/12/2002       | Klimowicz et al.    |   |
|                  | 6I | 2003/0072717    | 04/17/2003       | Reinhold et al.     |   |
| /KM/             | 6J | 2003/0101991    | 06/05/2003       | Trueba              |   |
|                  | OK |                 |                  |                     |   |

**FOREIGN PATENT DOCUMENTS**

|               | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|---------------|-----------------|------------------|-------------------------------|--|-------------------------------|
| <del>6L</del> |                 |                  |                               |  |                               |
| <del>6M</del> |                 |                  |                               |  |                               |
| <del>6N</del> |                 |                  |                               |  |                               |
| <del>6O</del> |                 |                  |                               |  |                               |
| <del>6P</del> |                 |                  |                               |  |                               |

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

|               |  |
|---------------|--|
| <del>6Q</del> |  |
| <del>6R</del> |  |
| <del>6S</del> |  |

EXAMINER  
/Kristen Matter/

DATE CONSIDERED  
06/11/2007



Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/777449      |
| Filing Date            | Feb 11, 2004   |
| First Named Inventor   | Childers et al |
| Art Unit               | Unknown        |
| Examiner Name          | Unknown        |
| Attorney Docket Number | 200309745-1    |

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No.¹ | Foreign Patent Document                     | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | 1° |
|--------------------|-----------|---|------------------|---|---|----|
|                    |           | Country Code² Number³ Kind Code⁴ (if known) | MM-DD-YYYY       |   |   |    |
| /KM/               |           | EP 1 452 199 A1                             | 09-01-2004       | Tyvol et al                                     |   |    |
| ▼                  |           | EP 1 066 850 A1                             | 01-10-2001       | Sjoholm   |   |    |
|                    |           | WO 99/37347                                 | 07-29-1999       | Gonda   |   |    |
| /KM/               |           | WO 97/18846                                 | 05-29-1997       | Kelders   |   |    |
|                    |           |   |                  |   |   |    |
|                    |           |   |                  |   |   |    |

**Examiner  
Signature**

**/Kristen Matter/**

Date Considered

06/11/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**